



A REPORT OF

AI4S : EXPERT TALK

ON

GENAI USE CASE

ORGANIZED BY

DEPARTMENT OF COMPUTER SCIENCE

AND APPLICATION

ATAL BIHARI VAJPAYEE VISHWAVIDYALAYA,

BILASPUR (C.G.)

ON

3 OCTOBER, 2024

VENUE

COE LAB

ATAL BIHARI VAJPAYEE VISHWAVIDYALAYA,

BILASPUR (C.G.)

EVENT DETAILS

On 3 October, 2024 the Department of Computer Science and Applications at Atal Bihari Vajpayee Vishwavidyalaya organized an insightful expert talk on Generative AI (GenAI) in the COE Lab, commencing at 02:00 PM. The event was convened by Dr. H.S. Hota, the Head of the Department, who warmly welcomed participants and set the stage for an engaging discussion on the significance and impact of GenAI in the modern technological landscape.

The keynote speaker for the session, Mr. Shubham Gupta from ZS Association Pune and Chair of Membership Development at IEEE, delivered a compelling presentation that introduced the concept of Generative AI. He began by defining GenAI and its foundational principles, explaining how it leverages machine learning algorithms to generate new content, including text, images, and audio. This foundational understanding laid the groundwork for the audience to appreciate the breadth of GenAI's applications.

Mr. Gupta then delved into various use cases of GenAI across multiple industries. In healthcare, he highlighted how GenAI is enhancing diagnostic tools, enabling personalized medicine, and improving patient outcomes through predictive analytics. In the finance sector, he discussed the automation of trading strategies and the implementation of fraud detection systems, showcasing how AI can process vast amounts of data more efficiently than traditional methods. The entertainment industry also benefits from GenAI, with applications in creating interactive content, enhancing user experiences, and even generating scripts for films and video games. In marketing, Mr. Gupta illustrated how companies are utilizing GenAI to generate targeted advertising campaigns and create personalized content for consumers, leading to improved engagement and conversion rates.

In addition to discussing current applications, Mr. Gupta explored the future of GenAI, emphasizing the importance of ethical considerations and responsible AI practices. He stressed the need for developers and organizations to consider the societal impacts of AI technologies, including issues related to privacy, bias, and accountability. Furthermore, he highlighted emerging trends such as AI collaboration, where multiple AI systems work together, and advancements in natural language processing, which are expected to drive further innovation in the field.

The session concluded with an engaging Q&A segment, allowing participants to ask questions and share their thoughts on the implications of GenAI. This interactive portion fostered lively discussions and enabled attendees to explore the topic in greater depth. Dr. Shriya Sahu, Assistant Professor in the Department, delivered a vote of thanks, expressing appreciation for Mr. Gupta's invaluable insights and acknowledging the active participation of all attendees.

Overall, the expert talk provided a valuable learning experience, showcasing the transformative potential of Generative AI technologies. It reinforced the department's commitment to fostering understanding and collaboration in the field of computer science, encouraging students and faculty alike to stay informed about the latest advancements in AI and their implications for various industries.

FLYER



Department of
COMPUTER SCIENCE & APPLICATION
Atal Bihari Vajpayee University, Bilaspur (C.G.)

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GenAI Use Case



MR. SHUBHAM GUPTA

ZS ACCOCIATION PUNE

CHAIR MEMBERSHIP DEVELOPMENT IEEE



Convenor

Dr. H. S. Hota

*Professor and Head
Dept. of CSA*

On
03/10/2024
02:00 PM

Venue: CoE Lab

Atal Bihari Vajpayee University, Bilaspur, Chhattisgarh, India

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